Amendments to the Specification

Please amend paragraph [0047] as follows:

[0047]   As also depicted in FIG. 2, each cable modem 206a-206n comprises a respective MAC sublayer 214a-214n, each of which in turn comprises a respective upstream processor 216a-216n and a respective registration module 218a-218na 218a-218n.   Each upstream processor 216a-216n is configured to perform functions related to the transmission of data over a logical upstream channel from the cable modem to CMTS 202.   Each registration module 216a-216n 218a-218n is configured to perform the cable modem portion of a cable modem initial ranging and registration protocols described in the DOCSIS RFI Specification, as well as the cable modem portion of a proprietary cable modem registration protocol which will be described in more detail herein.